

BRUHAT BANGALORE MAHANAGARA PALLIKE, YELAHANKA ZONE BANGALORE

Name of Work: Modified Estimate for Improvements of Drains and Construction of Culverts in Hegadenagara Eastren 1st Main and Both side Cross Road in Ward No. 06 Byatarayanapura Sub Division																					
Sl No	Description	Unit	As per Sanctioned Estimate			As per Approved SCH-B Qty			As per Actual Tender Rate And Quantity			Up to 125% Tender Quantity			Above 125% Tender Quantity			As per Actual Total Amount	Excess	Savings	Remarks
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount				
1	KSRRB 300-1 Earth work excavation by manual means in Hard Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.MORTH chapter 3 No. 141/ Item No. 19.1/PWD SR 2016-17	cum	232.40	86.92	20200.21	232.40	86.92	20200.21	61.88	86.92	5378.61	61.88	86.92	5378.61	0.00	86.92	0.00	5378.61	0.00	14821.60	
2	KSRRB 300-1 Earth work excavation by manual means in Hard Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.MORTH chapter 3 No. 141/ Item No. 19.2/PWD SR 2016-17	Cum	286.08	86.92	24866.07	286.08	86.92	24866.07	242.29	86.92	21059.85	242.29	86.92	21059.85	0.00	86.92	0.00	21059.85	0.00	3806.23	
3	Removing B S Slab of Drain and stacking Page No. 25/ Item No. 5.32/PWD SR 2016-17	Sqm	1108.80	65.72	72870.34	1108.80	65.72	72870.34	0.00	65.72	0.00	0.00	65.72	0.00	0.00	65.72	0.00	0.00	0.00	72870.34	
4	Refixing stone slabs of drains and pointing in C.M (1:3) Page No. 25/ Item No. 5.33/ PWD SR 2016-17	Sqm	1108.80	80.56	89324.93	1108.80	80.56	89324.93	0.00	80.56	0.00	0.00	80.56	0.00	0.00	80.56	0.00	0.00	0.00	89324.93	
5	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc. complete -do- 7.5 cms thick Page No. 28/ Item No. 5.31.1/ PWD SR 2016-17	Sqm	277.20	665.68	184526.50	277.20	665.68	184526.50	0.00	665.68	0.00	0.00	665.68	0.00	0.00	665.68	0.00	0.00	0.00	184526.50	
6	KSRB-4.1.3 : Providing and laying in position plain cement concrete of mix M 1:4:8 with OPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1.4.2, No. 12/ Item No. 4.3/ PWD SR 2016-17	Cum	51.42	5159.02	265276.81	51.42	5159.02	265276.81	48.41	5159.02	249748.16	48.41	5159.02	249748.16	0.00	5159.02	0.00	249748.16	0.00	15528.65	
7	KSRB 5.2.3 Providing and constructing granite / trap / basalt Size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications KBS 5.1.13 Page No. 23/ Item No. 5.6/ PWD SR 2016-17	cum	56.16	4438.22	249250.44	56.16	4438.22	249250.44	52.65	4438.22	233672.28	52.65	4438.22	233672.28	0.00	4438.22	0.00	233672.28	0.00	15578.15	
8	KSRB 5.3-3 Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistie dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5-1.13 Page No. 23/ Item No. 5.9/PWD SR 2016-17	Sqm	46.80	5305.30	248288.04	46.80	5305.30	248288.04	154.38	5305.30	819032.21	58.50	5305.30	310360.05	95.88	5305.30	508672.16	819032.21	570744.17	0.00	
9	KSRB 4-6.7 : Providing and removing centering, shuttering, strutting, prepping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 16/ Item No. 4.34/ PWD SR 2016-17	Sqm	122.38	271.36	33209.04	122.38	271.36	33209.04	114.74	271.36	31135.85	114.74	271.36	31135.85	0.00	271.36	0.00	31135.85	0.00	2073.19	

2	KSRRB 300-1. Earth work excavation by manual means in Hard Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3 No. 141/ Item No. 49.2/PWD SR 2016-17	Cum	286.08	86.92	24866.07	286.08	86.92	24866.07	242.29	86.92	21059.85	242.29	86.92	21059.85	0.00	86.92	0.00	21059.85	0.00	3806.23
3	Removing B.S Slab of Drain and stacking Page No. 25/ Item No. 5.32/ PWD SR 2016-17	Sqm	1108.80	65.72	72870.34	1108.80	65.72	72870.34	0.00	65.72	0.00	0.00	65.72	0.00	0.00	65.72	0.00	0.00	0.00	72870.34
4	Refixing stone slabs of drains and pointing in C.M (1:3) Page No. 25/ Item No. 5.33/ PWD SR 2016-17	Sqm	1108.80	80.56	89324.93	1108.80	80.56	89324.93	0.00	80.56	0.00	0.00	80.56	0.00	0.00	80.56	0.00	0.00	0.00	89324.93
10	KSRB 4-1.7 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @0.56cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1.4.2/P No. 13/ Item No. 4.7/ PWD SR 2016-17	cum	33.44	5598.92	187227.88	33.44	5598.92	187227.88	83.07	5598.92	465102.28	41.80	5598.92	234034.86	41.27	5598.92	231067.43	465102.28	277874.40	0.00
11	KSRB 15.1.3 Providing Flush pointing to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. Page No. 109/ Item No. 15.1/ PWD SR 2016-17	Sqm	104.00	102.82	10693.28	104.00	102.82	10693.28	318.50	102.82	32748.17	130.00	102.82	13366.60	188.50	102.82	19381.57	32748.17	22054.89	0.00
12	KSRB 4.2.2 Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum with superplastesisre @ 3lts conforming to IS9103-1999Retfirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1.4.6, No. KBS	Cum	39.47	6371.66	251489.42	39.47	6371.66	251489.42	37.00	6371.66	235751.42	37.00	6371.66	235751.42	0.00	6371.66	0.00	235751.42	0.00	15738.00
13	KSRB 4.9.2:providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications Specification No. KBS 4.6.3 Page No. 17/ Item No. 4.46.2/ PWD SR 2016-17	Tone	3.55	59413.00	210916.15	3.55	59413.00	210916.15	3.33	59413.00	197845.29	3.33	59413.00	197845.29	0.00	59413.00	0.00	197845.29	0.00	13070.86
14	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S. 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Page No. 24/ Item No. 5.27/ PWD SR 2016-17	Sqm	336.00	993.22	333721.92	336.00	993.22	333721.92	0.00	993.22	0.00	0.00	993.22	0.00	0.00	993.22	0.00	0.00	0.00	333721.92

2	KSRRB 300-1. Earth work excavation by manual means in Hard Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH chapter 3. No. 141/ Item No. 19.2/ PWD SR 2016-16	Cum	286.08	86.92	24866.07	286.08	86.92	24866.07	242.29	86.92	21059.85	242.29	86.92	21059.85	0.00	86.92	0.00	21059.85	0.00	3806.23
3	Removing B.S Slab of Drain and stacking Page No. 25/ Item No. 5.32/ PWD SR 2016-17	Sqm	1108.80	65.72	72870.34	1108.80	65.72	72870.34	0.00	65.72	0.00	0.00	65.72	0.00	0.00	65.72	0.00	0.00	0.00	72870.34
4	Refixing stone slabs of drains and pointing in C.M (1.3) Page No. 25/ Item No. 5.33/ PWD SR 2016-17	Sqm	1108.80	80.56	89324.93	1108.80	80.56	89324.93	0.00	80.56	0.00	0.00	80.56	0.00	0.00	80.56	0.00	0.00	0.00	89324.93
15	Precast slab 20mm and down size for slab (including steel reinforcement) including centring and shuttering machine mixed concrete laid in layers not exceeding 15cms thick well compacted cost of all materials labour HOM of machineries curing complete as per specifications c.c 1:1.5.3 Including all cost of Material (DATA RATE ENCLOSED) 10cm thick RCC pre cast slab	Sqm	775.80	1856.67	1440404.59	775.80	1856.67	1440404.59	538.80	1856.67	1000373.80	538.80	1856.67	1000373.80	0.00	1856.67	0.00	1000373.80	0.00	440030.79
16	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means including loading and unloading. From 0.00 to 2.00 Km (Page No. 123)	Cum	518.48	73.12	37911.26	518.48	73.12	37911.26	304.17	73.12	22240.91	304.17	73.12	22240.91	0.00	73.12	0.00	22240.91	0.00	15670.35
Extra Items																				
17	5.29(b) Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2.4 with top and bottom width 114 and 165mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork curing, including, cost of all materials, labour hire charges of machinery, loading unloading, lead and lift, transportation etc. complete. Page No. 25/ Item No. 5.30/ PWD SR 2016-17	Sqm							982.22	331.78	325880.95	0.00	331.78	0.00	982.22	331.78	325880.95	325880.95	325880.95	0.00
18	KSRRB 15-17.5: Applying priming coat over new wood surface and / or wood based surface preparing the surface after thoroughly cleaning oil, grease, dirt, and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specifications. Page No. 118/ Item No. 15.59 / PWD SR 2016-17	Sqm							132.60	43.46	5762.80	0.00	43.46	0.00	92.10	43.46	4002.67	5762.80	5762.80	0.00
19	KSRRB 15-17.6: Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications. Page No. 119/ Item No. 15.60.1 / PWD SR 2016-17	Sqm							132.60	89.04	11806.70	0.00	89.04	0.00	132.60	89.04	11806.70	11806.70	11806.70	0.00
					3660176.86			3660176.86			3657520.75			2554967.67			1100811.48	3657539.28	1214123.92	1216761.50
					292814.00			292814.00			292602.00			204397.00			88065.00	292603.00	97129.91	97341.00
					36602.00			36602.00			36575.00			25550.00			11008.00	36575.00	12141.24	12168.00
					3989592.86			3989592.86			3986697.75			2784914.67			1199884.48	3986717.28	1323395.07	1326270.50
For 10% KRIDL Charges applicalbe GST																				2875.43
For 1% Labour Charges																				
Total																				

EIRL

Name of Work for :- Modified Estimate for Improvements of Drains and Construction of Culverts in Hegadenagara Eastren 1st Main and Both side Cross Road in Ward No. 06
Byatarayanapura Sub Division

Administratively Approved No: AS/JC(YNK)/18/16-17, Date. 20.04.2017

CODE NO: 006-17-000035

WORK ORDER NO: BBMP/EE/BTP/WO/44/2017-18 Date: 20.04.2018

Sl. No.	Description of work	Unit	Approx Qty	Rate	Amount	Whether the item are alternative to the item in tender or whether they are additional items for the same items in the acceptance such items should be mentioned	Whether extra item included in the sanctioned estimate	How the extra cost of the item is proposed to be met	Whether extra item included in SR if so ref. to SR to be given if not DATA rates should accompany this rate list	Remarks
E1	5.29(b) Providing and fixing pre cast solid cement concrete kerb stones made out of C.C 1:2:4 with top and bottom width 114 and 165mm repectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork curing, including, cost of all materials, labour hire charges of machinery, loading unloading, lead and lift, transportation etc, complete. Page No. 25/ Item No. 5.29/ PWD SR 2016-17	Sqm	982.22	331.78	325880.95	Extra Item	NO	From the over all Sanction of the estimate	SR 16-17	
E2	KSRB 15-17.5: Applying priming coat over new wood surface and / or wood based surface preparing the surface after thoroughly cleaning oil, grease, dirt, and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specifications. Page No. 118/ Item No. 15.59 / PWD SR	Sqm	132.60	43.46	5762.80	Extra Item	NO	From the over all Sanction of the estimate	SR 16-17	

E2	KSRB 15-17.5: Applying priming coat over new wood surface and / or wood based surface preparing the surface after thoroughly cleaning oil, grease, dirt, and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specifications. Page No. 118/ Item No. 15.59 / PWD SR	Sqm	132.60	43.46	5762.80	Extra Item	NO	From the over all Sanction of the estimate	SR 16-17
E3	KSRB 15-17.6: Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications. Page No. 119/ Item No. 15.60.1 / PWD SR	Sqm	132.60	89.04	11806.70	Extra Item	NO	From the over all Sanction of the estimate	SR 16-17
Total				Rs.	343450.45				

EIRL % = $\frac{343450.45}{4000000.00} \times 100.00 = 8.59$ Percentage of Original Sanctioned Estimate.

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Asst. Engineer,
Ward-06
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Asst. Executive Engineer,
Byatarayanapura Sub-Division,
Bruhat Bengaluru Mahanagara Palike
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Executive Engineer,
Byatarayanapura Division
Bruhat Bengaluru Mahanagara Palike
[Signature] 10/12

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ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಪಲಯ
ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ